The invention claimed is:

- 1. A protective structure comprising:
- (a) a mesh structure having an outer surface and an inner surface, wherein the inner surface defines an annular space;
- (b) a concrete fill material which resides within the annular space of the mesh structure and within the mesh structure;
- (c) at least one reinforcement member which resides within the concrete fill material; and
- (d) a concrete face material which resides upon the outer surface of the mesh structure.
- 2. The protective structure of Claim 1, in which the mesh structure comprises a plurality of interconnected steel wires.
- 3. The protective structure of Claim 2, in which the steel wires are selected from the group consisting of 8 gage, 10 gage, 12 gage, or 16 gage steel wires.
- 4. The protective structure of Claim 2, in which the mesh structure comprises a plurality of mesh unit cells having a width in the range of about 0.75 to 1.75 inches and a length in the range of about 0.75 to 1.75 inches.
- 5. The protective structure of Claim 1, in which the concrete fill material permeates through the mesh structure to form the concrete face material.

- 6. The protective structure of Claim 1, in which the reinforcement member is a steel reinforcement bar.
- 7. The protective structure of Claim 1, in which the structure contains a plurality of reinforcement members located within the concrete fill material.
- 8. The protective structure of Claim 1, in which the structure deflects in response to a blast load.
- 9. The protective structure of Claim 8, in which the deflection in response to the blast load is 25% or less of the length of the structure.
- 10. The protective structure of Claim 1, in which the structure is a wall.
- 11. A protective system comprising:
- (I) a plurality of adjacent protective structures, wherein each protective structure has a first end and a second end, and each protective structure comprises:
- (a) a mesh structure having an outer surface and an inner surface, wherein the inner surface defines an annular space,
- (b) a concrete fill material which resides within the annular space of the mesh structure and within the mesh structure,

- (c) at least one reinforcement member which resides within the concrete fill material, and
- (d) a concrete face material which resides upon the outer surface of the mesh structure; and
- (II) a plurality of support members, wherein the support members receive the first or second ends of the protective structures to provide interlocking engagement of the protective structures to the support members.
- 12. The protective system of Claim 11, in which the mesh structure comprises a plurality of interconnected steel wires.
- 13. The protective system of Claim 12, in which the steel wires are selected from the group consisting of 8 gage, 10 gage, 12 gage, or 16 gage steel wires.
- 14. The protective system of Claim 12, in which the mesh structure comprises a plurality of mesh unit cells having a width in the range of about 0.75 to 1.75 inches and a length in the range of about 0.75 to 1.75 inches.
- 15. The protective system of Claim 11, in which the concrete fill material permeates through the mesh structure to form the concrete face material.
- 16. The protective system of Claim 11, in which the reinforcement member is a steel reinforcement bar.

- 17. The protective system of Claim 11, in which the structure contains a plurality of reinforcement members located within the concrete fill material.
- 18. The protective system of Claim 11, in which the structure deflects in response to a blast load.
- 19. The protective system of Claim 18, in which the deflection in response to the blast load is 25% or less of the length of the structure.
- 20. The protective system of Claim 11, in which the structure is a wall.
- 21. The protective system of Claim 11, in which the support members comprise a mesh structure.
- 22. The protective system of Claim 21, in which the mesh structure of the support members comprises a plurality of interconnected steel wires.
- 23. The protective system of Claim 22, in which the steel wires of the mesh structure of the support members are selected from the group consisting of 8 gage, 10 gage, 12 gage, or 16 gage steel wires.

- 24. The protective system of Claim 22, in which the mesh structure of the support members comprises a plurality of mesh unit cells having a width in the range of about 0.75 to 1.75 inches and a length in the range of about 0.75 to 1.75 inches.
- 25. The protective system of Claim 22, in which the mesh structure of the support members surrounds a concrete fill material such as reinforced concrete.
- 26. The protective system of Claim 25, in which the concrete fill material permeates through the mesh structure of the support members to form a concrete face material for the support members.

4266059-1